

Serial No. 09/846,044, filed 5/1/01

IN THE CLAIMS:

This listing of claims will replace all prior revisions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A regulator assembly comprising:

a glass support member for supporting a pane of glass;

a drive motor producing a drive force for moving said glass support member between open and closed positions;

a belt having a profile with a plurality of protrusions, said belt interconnecting said drive motor and said glass support member, one of said drive motor and said belt supporting said glass support member; and

a pulley with a complementary profile to said profile of said belt with said complimentary profile having a plurality of recesses receiving at least two of said plurality of protrusions, said pulley engaging said belt and moving said belt relative thereto in response to said drive force, wherein said pulley is a drive pulley connected to said drive motor for receiving said drive force, and wherein said belt is a continuous loop supported between said drive pulley and a support pulley.

2.-4 (Cancelled)

5. (Currently Amended) The assembly as set forth in ~~claim 4~~ claim 1, wherein said support pulley is supported by a bracket.

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6. (Previously Presented) The assembly as set forth in claim 5, wherein said bracket includes a stop defining said closed position.

7. (Currently Amended) ~~The assembly as set forth in claim 1; A regulator assembly comprising:~~

~~a glass support member for supporting a pane of glass;~~

~~a drive motor producing a drive force for moving said glass support member between open and closed positions;~~

~~a belt having a profile with a plurality of protrusions, said belt interconnecting said drive motor and said glass support member, one of said drive motor and said belt supporting said glass support member;~~

~~a pulley with a complementary profile to said profile of said belt with said complimentary profile having a plurality of recesses receiving at least two of said plurality of protrusions, said pulley engaging said belt and moving said belt relative thereto in response to said drive force; and~~

~~further including spaced apart guides supporting said glass support member with said belt arranged generally parallel between said guides.~~

8-10. (Cancelled)

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11. (Currently Amended) ~~The assembly as set forth in claim 1, A regulator assembly comprising:~~

~~a glass support member for supporting a pane of glass;~~

~~a drive motor producing a drive force for moving said glass support member between open and closed positions;~~

~~a belt having a profile with a plurality of protrusions, said belt interconnecting said drive motor and said glass support member, one of said drive motor and said belt supporting said glass support member;~~

~~a pulley with a complementary profile to said profile of said belt with said complimentary profile having a plurality of recesses receiving at least two of said plurality of protrusions, said pulley engaging said belt and moving said belt relative thereto in response to said drive force; and~~

~~further including a rod spaced from a guide that supports said glass support member, said rod supporting opposing portions of said belt to maintain a distance between said opposing portions during installation of the assembly onto a door.~~

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12. (Currently Amended) A regulator door module for a door comprising:

- a panel adapted to be secured to the door;
- a glass support member for supporting a pane of glass;
- a drive motor supported by said panel producing a drive force for moving said glass support member between open and closed positions;
- a belt having a profile, said belt interconnecting said drive motor and said glass support member;
- a bracket connected to said panel operatively supporting ~~an~~ a first end portion of said belt; and
- a drive pulley with a complementary profile to said profile of said belt, said drive pulley connected to said drive motor with said drive pulley engaging said belt and moving said belt relative thereto in response to said drive force, said drive pulley arranged opposite said bracket to support ~~an opposite~~ a second end portion of said belt ~~that is opposite said first end portion, wherein said belt includes a plurality of protrusions and said pulley includes a plurality of recesses receiving at least two of said plurality of protrusions.~~

13. (Cancelled)

14. (Currently Amended) The module as set forth in claim 12, wherein said belt is a continuous loop supported between said drive pulley and a support pulley, said support pulley supported by said bracket and supporting said ~~first end~~ portion.

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15. (Previously Presented) The module as set forth in claim 14, wherein said bracket and a second bracket include stops defining said open and closed positions, said second bracket supported by said panel.

16. (Previously Presented) The module as set forth in claim 12, further including spaced apart guides secured to said panel and supporting said glass support member with said belt arranged generally parallel between said guides.

17.-20. (Cancelled)

21. (Previously Presented) The assembly as set forth in claim 1, wherein said plurality of protrusions extend laterally across a width of said belt to opposing sides of said belt.

22. (Previously Presented) The assembly as set forth in claim 1, wherein said plurality of protrusions are tapered.

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23. (Currently Amended) ~~The assembly as set forth in claim 1, A regulator assembly comprising:~~

~~a glass support member for supporting a pane of glass;~~

~~a drive motor producing a drive force for moving said glass support member between open and closed positions;~~

~~a belt having a profile with a plurality of protrusions, said belt interconnecting said drive motor and said glass support member, one of said drive motor and said belt supporting said glass support member; and~~

~~a pulley with a complementary profile to said profile of said belt with said complimentary profile having a plurality of recesses receiving at least two of said plurality of protrusions, said pulley engaging said belt and moving said belt relative thereto in response to said drive force, wherein a longitudinal axis of said glass support member is generally parallel with a rotational axis of said pulley.~~

24. (Previously Presented) The module as set forth in claim 12, wherein a longitudinal axis of said glass support member is generally parallel with a rotational axis of said pulley.

25. (Previously Presented) The assembly as set forth in claim 4, wherein said belt is untwisted with said protrusions being parallel to one another.

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26. (Previously Presented) The assembly according to claim 1, wherein said belt includes an unbroken outer surface with said protrusions extending in a direction opposite said outer surface.

27. (Currently Amended) ~~The assembly according to claim 1, A regulator assembly comprising:~~

~~a glass support member for supporting a pane of glass;~~

~~a drive motor producing a drive force for moving said glass support member between open and closed positions;~~

~~a belt having a profile with a plurality of protrusions, said belt interconnecting said drive motor and said glass support member, one of said drive motor and said belt supporting said glass support member; and~~

~~a pulley with a complementary profile to said profile of said belt with said complimentary profile having a plurality of recesses receiving at least two of said plurality of protrusions, said pulley engaging said belt and moving said belt relative thereto in response to said drive force, wherein said pulley includes spaced apart flanges with a portion of said belt located laterally between said flanges.~~

28. (Previously Presented) The assembly as set forth in claim 21, wherein said belt is untwisted with said protrusions being parallel to one another.